**Nurulhuda Binte Sulaiman**

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**E****XECUTIVE SUMMARY**

Self-motivated and Google-certified data analyst seeking a career in data analytics as a full-time data analyst. Over 9 years of experience developing SQL stored procedures and ETL programs. In previous role, developed SQL stored procedures and ETL programs that reduced data processing times by up to 95%. Hoping to combine technical knowledge and attention to detail to create business solutions.

**KEY SKILLS**

Proficient: Database Management & Warehouse (SQL Server, MySQL, Redshift & Oracle), SQL, Data Integration (ETL) using SSIS

Intermediate: Data Modelling, Data Cleaning, Data Analytics, Business Intelligence (SSAS)

Beginner: Tableau Data Visualization (Projects), Data Storytelling, R Programming

**CERTIFICATIONS**

Tableau 2022 A-Z: Hand-on Tableau Training for Data Science, Udemy - Ongoing

Google Data Analytics Certificate, Coursera | Google - 2022

Certified Digital Marketing Professional, Digital Marketing Institute - 2022

Certified Digital Marketing Associate, Digital Marketing Institute - 2021

The Data Scientist’s Toolbox, Coursera - 2015

**PROFESSIONAL EXPERIENCE**

**NE Digital, Singapore**

Senior Database Administrator, Jan 2020 – Feb 2021

* Designed a database that met all of the software engineers' requirements, allowing for a smoother workflow.
* Cataloged and scheduled batch jobs for 100+ databases, reducing the time spent on manual tasks by 75%
* Successfully increased SQL Server database performance by 25%
* Upgraded and migrated SQL Server, Redshift and Oracle databases to increase database servers availability by up to 95%
* Optimized SQL procedures to reduce the running time by up to 95%
* Performed in-depth analysis of the database, scheduled batch jobs, and SQL stored procedures to identify the root cause of performance issues.
* Migrated and installed new SQL Server databases in the Google Cloud environment
* Maintained the existing ETL batch job programs to run 24/7

**NTUC Fairprice Co-operative Limited, Singapore**

Senior Executive (IT Operations), Apr 2016 – Dec 2019

Executive (IT Operations), Jan 2013 – Mar 2016

Database Administrator, Sep 2011 – Dec 2012

* Designed and created new databases and tables in SQL Server according to the requirements of the software engineers
* Successfully increased SQL Server database performance by 25%
* Upgraded and migrated SQL Server, MySQL and Oracle databases to increase database servers availability by up to 95%
* Piloted a project which worked closely with software engineers and system engineers to review, streamline and automate old manual processes using data integration, ETL batch job programs using SSIS, and SQL scripts, stored procedures that increased operational efficiency by 80%.
* Reviewed 100+ existing manual processes, resulting in the streamlining of 30 operations.
* Mapped out the location of all ETL batch job programs, SQL stored procedures, and databases involved in the company's data architecture.
* Analyzed and extracted data from various database technologies, SQL Server and Oracle to integrate them using SSIS for processing to a sales, customer and product cube using SSAS for Warehouse Store excel reports
* Supported Sharepoint, Intranet and other internal reports (Excel, Tableau & PowerBI) by extracting and loading data from different databases to one database (Amazon Redshift) and help in the development of SQL queries and Stored procedure behind the reports.
* Optimized the SQL queries of all reports to reduce running time by up to 95%
* Developed a sales and product cube using SSAS to be used for Internal Audit excel reports
* Mined and extracted sales data from SQL Server databases for Business Analytics excel reports
* Imported customer data from external source (Grab & NTUC) and integrate to SQL Server and Redshift database for reporting purposes

**PROJECTS**

**Bellabeat Case Study, Google Data Analytics Specialisation Capstone Project, Sep 2022**

* Explore Fitbit data from Mar to May 2016 to discover insights and usage trends to be used by Bellabeat. Data segmentation is done using SQL and data visualisation is done using Tableau.
* Insights include that the most activity was on Sundays and there is an increasing pattern between more calories burn and longer activity time.

**Tokyo AirBnB, Personal Project, Nov 2022**

* In this project, used AirBnB latest data of Tokyo to determine the listings by price and neighbourhood for future rental. Data visualisation is done using Tableau.
* Insights include that the room type with most listings are for entire room or apartment and $16K is the average price.

**EDUCATION**

Google Data Analytics Specialisation, Coursera | Google - 2022

Professional Diploma in Digital Marketing and Campaign Strategy, Training Vision Institute, Singapore | Digital Marketing Institute, Ireland - 2022

Bachelor of Information Technology with double major in Information Technology Applications and Business Information Systems, University of Newcastle, Australia - 2010

**OTHER INFORMATION**

**Languages:** Fluent in English, Intermediate in Malay

**Interest:** Reading, life-long learning, building jigsaw puzzles and lego kits